

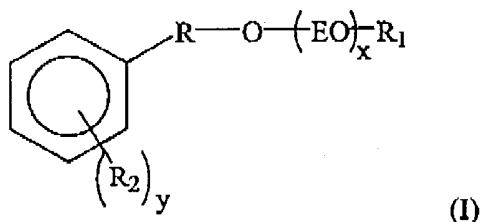
Application No. 10/643,570
Amendment dated 8 July 2004
Reply to Office Action of 29 April 2004

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application:

Listing of Claims:

1. (Currently amended) A composition comprising:
- (a) a surfactant having an HLB value from 1 to 10; and
 - (b) a compound of formula (I):



wherein;

x is an integer from 2 to 6;

y is an integer from 0 to 5;

R is a bond or (C₁-C₄)alkylene;

R₁ is a hydrogen, halo, aryl, (C₁-C₄)alkyl, heteroaryl, cycloalkyl, or heterocycyl;

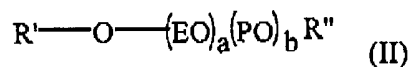
R₂ is independently selected from hydrogen, halo, (C₁-C₄)alkyl, (C₁-C₄)alkoxy,

(C₂-C₄) alkenylene; and

wherein the compound of formula (I) is present from greater than 10 to 90 wt% based on total weight of surfactant having an HLB value from 1 to 10, and the compound of formula (I).

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2. (Original) The composition according to claim 1, wherein x is an integer from 2 to 4, y is 0, R is a bond or methylene, and R₁ is hydrogen.
3. (Original) The composition according to claim 1, wherein x is 4, y is 0, R is a bond or methylene, R₁ is hydrogen.
4. (Original) The composition of claim 1, further comprising a second surfactant having an HLB value greater than 10 or water.
5. (Original) The composition according to claim 1, wherein the surfactant having an HLB value from 1 to 10 is a primary alcohol ethoxylate, a secondary alcohol ethoxylate, a ternary alcohol ethoxylate, a primary amine ethoxylate, a secondary amine ethoxylate or mixtures thereof.
6. (Original) The composition according to claim 1, wherein the surfactant having an HLB value from 1 to 10 is a compound of formula (II):



wherein;

a is an integer from 1 to 10;

b is an integer from 0 to 5;

R' is (C₆-C₂₂)alkyl, (C₆-C₂₂)alkoxy, (C₆-C₂₂) alkenylene with the proviso that when R' is C₆ alkyl, C₆ alkoxy, or C₆ alkenylene, a is at least 1 and b is at least 1; and

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R'' is a hydrogen, halo, aryl, (C₁-C₄)alkyl, heteroaryl, cycloalkyl, or heterocycyl.

7. (Original) The composition according to claim 6, wherein a is an integer from 1 to 5, b is 0, R' is (C₈-C₁₆)alkyl, and R'' is hydrogen.

8. (Currently amended) The composition according to claim 4, wherein the second surfactant having an HLB greater than 10 is an anionic surfactant, a cationic surfactant, a nonionic, an amphoteric surfactant, or mixtures thereof.

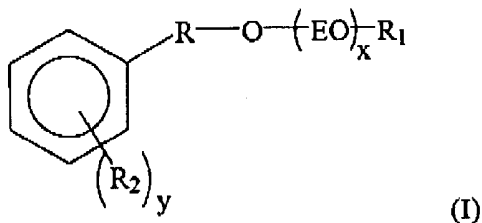
9. (Cancelled)

10. (Original) The composition according to claim 1, wherein the compound of formula (I) is present from 25 to 75 wt% based on total weight of surfactant having an HLB value from 1 to 10, and compound of formula (I).

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11. (Currently Amended) A method of forming a stable cleaning composition comprising combining;

- (a) a surfactant having an HLB value from 1 to 10;
- (b) a compound of formula (I):



wherein;

x is an integer from 2 to 6;

y is an integer from 0 to 5;

R is a bond or (C₁-C₄)alkylene;

R₁ is hydrogen, halo, aryl, (C₁-C₄)alkyl, heteroaryl, cycloalkyl, or heterocycyl;

R₂ is independently selected from hydrogen, halo, (C₁-C₄)alkyl, (C₁-

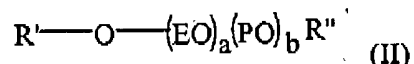
C₄)alkoxy, (C₂-C₄) alkenylene;

wherein the compound of formula (I) is present from greater than 10 to 90 wt% based on total weight of surfactant having an HLB value from 1 to 10, and compound of formula (I); and

- (c) a second surfactant having an HLB value greater than 10 forming a stable non-aqueous cleaning concentrate or water forming an aqueous cleaning concentrate.

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12. (Original) The method according to claim 11, wherein further comprising diluting the stable non-aqueous cleaning concentrate to form a stable aqueous use solution or diluting the stable aqueous cleaning concentrate to form a stable aqueous use solution.
13. (Original) The method according to claim 11, wherein the combining a compound of formula (I) comprises combining a compound of formula (I) wherein x is an integer from 2 to 4, y is 0, R is a bond or methylene, and R₁ is hydrogen.
14. (Original) The method according to claim 11, wherein the combining a surfactant having an HLB value from 1 to 10 comprises a compound of formula (II):



wherein;

a is an integer from 1 to 10;

b is an integer from 0 to 5;

R' is (C₆-C₂₂)alkyl, (C₆-C₂₂)alkoxy, (C₆-C₂₂) alkenylene with the proviso that when R' is C₆ alkyl, C₆ alkoxy, or C₆ alkenylene, a is at least 1 and b is at least 1; and

R'' is hydrogen, halo, aryl, (C₁-C₄)alkyl, heteroaryl, cycloalkyl, or heterocycyl.

15. (Original) The method according to claim 14, the combining a surfactant having an HLB value from 1 to 10 comprises a compound of formula (II) where a is an integer from 1 to 5, b is 0, R' is (C₈-C₁₆)alkyl, and R'' is hydrogen.

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16. (Original) The method according to claim 14, wherein the combining comprises combining a weight ratio of compound (I) to compound (II) of 1:3 to 3:1.
17. (Original) The method according to claim 16, wherein the combining a second surfactant comprises combining an amine salt of a fatty acid anionic surfactant.
18. (Original) The method according to claim 17, wherein the combining a second surfactant comprises combining a reaction product of a sulfonic acid and an alcohol amine.
19. (Original) The method according to claim 17, wherein the combining a second surfactant comprises combining a reaction product of a dodecyl benzene sulfonic acid and triethanol amine.
20. (Original) The method according to claim 16, wherein the combining a second surfactant further comprises combining an amine oxide.